## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/015148

		1,	7 0 2 0 2 2 2 0			
A. CLASSIFICATION OF SUBJECT MATTER Int.Cl7 H01H25/06, H01H9/02						
According to International Patent Classification (IPC) or to both national classification and IPC						
B. FIELDS SE	B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols)  Int.Cl <sup>7</sup> H01H25/06, H01H9/02						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields scarched  Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2004  Kokai Jitsuyo Shinan Koho 1971-2004 Toroku Jitsuyo Shinan Koho 1994-2004						
Electronic data b	ase consulted during the international search (name of	data base and, where practicable, search te	rms used)			
C. DOCUMEN	ITS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.			
Х	JP 2001-135197 A (Matsushita	Electric	1,2,5-8			
Y	Industrial Co., Ltd.), 18 May, 2001 (18.05.01),		3,4,9,10			
	Par. Nos. [0034] to [0097]; E	Figs. 1 to 19				
	(Family: none)					
x	JP 2001-148219 A (Matsushita	Electric	1,5,6			
Y	Industrial Co., Ltd.),		2-4,7-10			
	29 May, 2001 (29.05.01), Par. Nos. [0051] to [0075]; F	Figs. 7 to 13				
		20002516 A	*			
Y	JP 50-35330 Yl (Fujitsu Ltd.	).	3			
	15 October, 1975 (15.10.75),	•	_			
	Page 2, right column, lines 7 (Family: none)	to 9; Fig. 3G				
	(ramily: none)					
× Further do	cuments are listed in the continuation of Box C.	See patent family annex.	<u></u>			
	gories of cited documents:	"T" later document published after the inte- date and not in conflict with the applic	ernational filing date or priority			
to be of particular relevance		the principle or theory underlying the i	nvention			
"E" earlier applie	cation or patent but published on or after the international	"X" document of particular relevance; the considered novel or cannot be consi	dered to involve an inventive			
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other		step when the document is taken alone "Y" document of particular relevance; the				
special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means		considered to involve an inventive combined with one or more other such	step when the document is			
"P" document published prior to the international filing date but later than		being obvious to a person skilled in the	art			
the priority date claimed "&" document member of the same patent family						
Date of the actual completion of the international search		Date of mailing of the international sear				
08 November, 2004 (08.11.04)		22 November, 2004	(22.11.04)			
Name and mailing address of the ISA/		Authorized officer	<del></del>			
Japanes	se Patent Office					
Facsimile No.						
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VO-Mounts 1	DOCUMENTS CONSIDERED TO BE RELEVANT		2004/013140
<del>`</del>	· · · · · · · · · · · · · · · · · · ·		Delement to alaim Mr.
Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
Y	JP 2003-109467 A (Matsushita Electric Industrial Co., Ltd.), 11 April, 2003 (11.04.03), Par. No. [0064]; Fig. 16 (Family: none)		
Y	JP 2001-256866 A (Alps Electric Co., Ltd 21 September, 2001 (21.09.01), Par. Nos. [0033] to [0034]; Figs. 11, 12, & US 2001/0020573 A1 & EP 1139273 A2 & CN 1313621 A & TW 475189 B		7
	10 (continuation of second sheet) (January 2004)		

Form PCT/ISA/210 (continuation of second sheet) (January 2004)

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International application No. PCT/JP2004/015148

Box No.	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)			
1.	national search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:  Claims Nos.:  because they relate to subject matter not required to be searched by this Authority, namely:			
	Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:			
	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).			
Box No.	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)			
This International Searching Authority found multiple inventions in this international application, as follows:				
to C a ma Hov matt a ca As art, sent	common matter pertaining to Claims 1-10 is a common matter pertaining laim 1 and Claim 9. Also, a common matter pertaining to Claims 1-8 is tter described in Claim 1.  wever, it is clear that the result of search reveals that these common ers are not novel since they are disclosed in cited documents cited by tegory "X" in the International Search Report.  a result, since these common matters make no contribution over the prior they are not "special technical features" in the meaning of the second ence of PCT Rule 13.2.  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.			
	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.			
3. 🔲	As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:			
	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  on Protest   The additional search fees were accompanied by the applicant's protest.			
	No protest accompanied the payment of additional search fees.			